



**UNITED STATES  
NUCLEAR REGULATORY COMMISSION**  
WASHINGTON, D.C. 20555-0001

**SAFETY EVALUATION BY THE OFFICE OF NUCLEAR REACTOR REGULATION**

**SUPPORTING AMENDMENT NO. 12 TO**

**FACILITY LICENSE NO. R-115**

**THE UNIVERSITY OF ILLINOIS AT URBANA-CHAMPAIGN**

**DOCKET NO. 50-151**

**1.0 INTRODUCTION**

By letter dated October 19, 1999, the University of Illinois at Urbana-Champaign (UIUC or the licensee) submitted a request for amendment to Facility Operating License No. R-115 for the UIUC Advanced TRIGA Research Reactor (TRIGA). The requested amendment would change the name of the Department of Nuclear Engineering to the "Department of Nuclear, Plasma and Radiological Engineering" in Appendix A of the facility operating license, "Technical Specifications for the Illinois Advanced TRIGA Reactor."

**2.0 EVALUATION**

The licensee has requested that the name of the Department of Nuclear Engineering be changed to the "Department of Nuclear, Plasma and Radiological Engineering" in the technical specifications (TSs). The UIUC has changed the name of the department to reflect the broader curriculum offered by the department to students. This is an administrative change only. The Nuclear Reactor Laboratory, which contains the TRIGA, continues to report to the department. The licensee states that the change in department name has no effect on the oversight or controls placed on the reactor by the UIUC.

The department name appears in the TSs in several places as follows:

- In TS 6.1.1 a, which states that the reactor facility is an integral part of the department.
- On the organizational chart for the facility given in TS 6.1.1.
- In TS 6.1.2 b.3, which has the Head of the Department on a list of persons, one of whom is reachable and able to respond to the facility within approximately 1 hour.
- In TS 6.2.1 a, which requires the Head of the Department to appoint certain members of the Reactor Committee.
- In TS 6.2.2, which requires written reports or minutes of the Reactor Committee be submitted to the Head of the Department.

- In TS 6.2.3, which requires deficiencies uncovered by the audit function of the Reactor Committee be immediately reported to the Head of the Department and which requires written reports of the audit function of the Reactor Committee be submitted to the Head of the Department.

Because this is a change in name only and the UIUC oversight and control of the Nuclear Reactor Laboratory and the TRIGA remains the same, this change and the proposed changes in the TSs are acceptable to the staff.

### 3.0 ENVIRONMENTAL CONSIDERATION

This amendment involves changes in recordkeeping, reporting, or administrative procedures or requirements. Accordingly, the amendment meets the eligibility criteria for categorical exclusion set forth in 10 CFR 51.22(c)(10). Pursuant to 10 CFR 51.22(b), no environmental impact statement or environmental assessment need be prepared in connection with the issuance of this amendment.

### 4.0 CONCLUSION

The staff has concluded on the basis of the considerations previously discussed that (1) because the amendment does not involve a significant increase in the probability or consequences of accidents previously evaluated, or create the possibility of a new or different kind of accident from any accident previously evaluated, and does not involve a significant reduction in a margin of safety, the amendment does not involve a significant hazards consideration; (2) there is reasonable assurance that the health and safety of the public will not be endangered by the proposed activities; and (3) such activities will be conducted in compliance with the Commission's regulations, and the issuance of this amendment will not be inimical to the common defense and security or the health and safety of the public.

Principal Contributor: A. Adams, Jr, NRC

Date: December 23, 1999